

Barbashin, E. A.

ON THE THEORY OF GENERALIZED DYNAMICAL
SYSTEMS. July 62 [38]p. 10 refs.
Order from OTS or SLA \$3.60

63-10167

Trans. of Moscow U. Uchen[ye] Zapiski (USSR)
[1950] v. 135, p. 110-133.

DESCRIPTORS: *Topology, Transformations
(Mathematics), Integral equations, Trajectories,
Applied mathematics, Theory, *Control systems.

Considered are questions concerned with the eval-
uation of dynamical systems which are subject to
choice of the system at each time. Problems such as
these arise when we consider control of dynamical
systems or dynamical systems subject to unknown
disturbances. General results are achieved in this
paper concerning the axiomatic treatment of such
systems. (Author)
(Mathematics, TT, v. 10, no. 2)

63-10167

I. Barbashin, E. A.

Office of Technical Services

Stability of the Solution of a Certain Non-linear
Third Order Equation, by E. A. Barbashin.

RUSSIAN, bimo per, Prik Matemat i Mekh, Vol XVI,
No 5, 1952, pp 629-632.

Co-op Tr Sch 57

USSR

Scientific - Mathematics

Feb 54 CTS

£1.12s.(4s.0d.)

9602

The Circular Motions of Coupled Pendulums. II,
by V. S. Serebryakova, Ye. A. Barbashin, 79 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved Materiat,
No 4, 1961, pp 112-119. 9667799

FTD-TT-62-1089

Sci-Math
Mar 63

225,670

An Estimate of the Maximum Deviation for a Given
Trajectory, by E. A. Barbashin, 8 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXI, No 10,
1960, pp 1341-1351.

ISA

Sci

Jun 61

153, 198

Barbashin, Ye. A. and Skalkina, M. A.
ON THE QUESTION OF STABILITY IN FIRST AP-
PROXIMATION. 30 Dec 60 [5]p. 2 refs.
Order from OTS or SLA \$1.10 61-14763

Trans. of Prikladnaya Matematika i Mekhanika (USSR)
1955, v. 19, no. 5, p. 623-624.

DESCRIPTORS: Numerical analysis, *Differential
equations, Perturbation theory, Theory.

The author examines in a qualitative sense and pre-
sents a theorem relating solutions of the homogeneous
first order variational equations to solutions of the non-
homogeneous equations given on exponentially bounded
stable solution of the homogeneous equations and
certain assumptions on the nature of the non-homogene-
ous equations. (Translator)

(Mathematics, TT, v. 6, no. 1)

61-14763

I. Barbashin, Ye. A.
II. Skalkina, M. A.

Office of Technical Services

(SF-1681)

The First Three Years of the Seven-Year
Plan for the Heat Packing Industry,
by M. Baroschin 6 pp.

RUSSIAN, per, Pysnaya Industriya SSSR,
No 1, 1962, pp 5-6.

JPRS 14172

USSR
Econ
Jun 62

203,409

Properties ~~XXX~~ of the Solution of the Low
Equation ~~n~~ for a Model of a Local Field Theory,
by B. M. Barbashov, G. V. Efimov, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLII, No 2, 1962, pp 520-525.

AIP
Sov Phys - JETP
Vol XV, No 2

Sci
Sep 62

211,665

The Structure of Nucleons, by D. I. Blokhintsev,
V. S. Barashenkov, B. M. Barbashov, 21 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXVIII, No 3,
1959, pp 417-.

ALP
Sov Phys-Uspekhi
Vol II (68), No 4

Sci

Nov 60

132,162

A Model of Local Field Theory with Finite Charge
Renormalization, by, B. M. Barbashov, G. V. Efimov,
~~Renormalization~~ 8/7

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL,
No 3, 1961, pp. 848-859.

AIP
Sov Phys - JETP
Vol XIII, No 3

165, 112

Sci

Sept 61.

Method of Solution of Field-Theoretical Problems
involving a Static Nucleon, by B. M. Barbashov, G. V.
Efimov, 8 pp.

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol XXXIX,
no 2(8), 1960, pp 450-460.

AIP
Sov Phys JETP
Vol XII, No 2

Sci -
Apr 61

146, 472

Dynamic Resonances in Solutions of the Low
Equation for Some Field Theory Models, by
B. M. Barbashov, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLIII, No 1, 1962, pp 105-111.

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 1

Sci

Jan 63

220,324

Results of Studies of Contrast on Mars, by N. P.
Parbashov, I. K. Koval', 5 pp.

Russian, per, Astron Zhur, Vol XXXVII, No 2,
1960, pp 301-305

AIP
Sov Astron - AJ
Vol IV, No 2
* JPRS

Sci

Nov 60

132,401

Twelve Papers on Analysis, Applied
Mathematics and Algebraic Topology,
by Barbasin, Borovikov.
RUSSIAN, bk, Vol 25, 1963, 351 pp.
Amer. Math.Soc. LC No. 51-5559

Barbasin

Sci-Math
June 66

303,389

(DC-6462)

Cellular Level of Adaptation, by Z. I. Barbashova,
59 pp.

RUSSIAN, rpt, Kletochnyi Uroven' Adaptatsii,
pp 1-42.

JPRS 12134

Sci - Med
Feb 62

180,882

29
Mechanism of Increasing Osmotic Resistance of
Erythrocytes in Rats Adapted to Hypoxia, by
Z. I. Barbasheva.

RUSSIAN, per, Fiziologicheskii Zhurnal SSSR,
Vol 11, 1964, pp 1385-1392.
NASA TT 7-11,410

Sci
Dec 68

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Acclimatization to Hypoxia and its Physiological
Mechanisms, by Zoya Ivanovna Barbashova, 237 pp.
RUSSIAN, in, Akklimalizatsiya k Gipoksii i Yeye
Fiziologicheskiye Mekhanizmy, 1960, pp 1-215.
JPRS 45,921

Zoya Ivanovna Barbashova

Sci/Tech
Aug 68

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Influence of the Nervous System on Hypoxic
Erythrocytosis, by Z. I. Barbashova, G. I.
Grigor'eva, V. V. Ermilova, Z. G. Pomina, 8 p.

RUSSIAN, per, Fiz Zhur SSSR, imeni, I. M. Sechenova,
Vol XLV, No 7, 1959, pp 856-864.

Pergamon Press

Sci
Apr 60

114,604

The Splanchnic Nerves and the Abdominal Sympathetic
Chains in the Reactions to Acute and Chronic Hypoxia
in Rats, by Z. I. Barbashova, 8 pp.

RUSSIAN, per, Fiz Zhur SSSR im I. M. Sechenov,
Vol XLV, No 1, 1959, pp 163-170.

Pergamon Inst

Sci - Med

Jul 59

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Effect of Acute and Chronic Hypoxia in the
Rat After Removal of the Superior Cervical
Sympathetic Ganglia, by E. I. Barbashova, 3 pp.

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No 2, 1957, pp 434-

Amer Inst of Biol Sci

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May 58

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Incidence of Vertebral Column Changes in
Travelling Personnel of a Transport Company,
by E. Barbato, 4 pp.

ITALIAN, rpt, Sull'incidenza Delle Alterazioni
Della Colonna Vertebrale nel Personale
Viaggiante di una Azienda Auto Tramviaria,
Oct 1958, pp 630-634.

ACSI I-0828
ID 2186183

WeEur - Italy
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21 Mar 62

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Comparative Study of the Developmental Process in Winter
Barley, Variety Chernod 2396 (Twin-Fern), and Summer
Barley, Variety Kluch 123, by N. Zhosan, Zh. Ukrainian, 1961.

RUSSIAN, per: Fiziol Rasteniy, Vol VIII, No 5, 1961.
pp 619-625.

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Sci
Jan 64

246, 779

Barbatu, G., Popa, T. A., and Bolaglan, I.
A STUDY OF THE ABILITY OF CRACKED RESIDUUM TO LOWER THE POUR POINT OF DIESEL FUELS. [1961] 4p.

Order from ATS \$8.00 ATS-02N50RU

Trans. of Petrol si Gaze (Rumania) 1958, v. 9, no. 10, p. 467-468.

DESCRIPTORS: *Petroleum. *Hydrocarbons. *Fuel oil.
*Decomposition. *Fluid flow

(Materials--Fuels, TT, v. 6, no. 1)

61-22354

- I. Pour point
- I. Barbatu, G.
- II. Popa, T. A.
- III. Bolaglan, I.
- IV. ATS-02N50RU
- V. Associated Technical Services, Inc.,
East Orange, N. J.

Office of Technical Services

Construction of Electric Arc Furnaces, by
Barbazanges, Richard. UNCLASSIFIED

FRENCH, per, L'Acierie Electrique, No 1,
Part 1, 1957, pp 1-40.

Iron and Steel Inst
Co-op Tr Ser
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Sci - Engr
Aug 58

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Use of a Low-Carbon Cast Iron Prepared in the Hot-Blast Cupola as an Open-Hearth Charge, by Boutigny, Barbazanges.

FRENCH, per, Circ Inform Tech, Vol XII, No 1, 1955, pp 169-192. _____

Co-Op Tr Sch Tr 650
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Sci - Engr
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Present Position of Large-Capacity Arc Furnaces
in Steelworks, by R. Boutigny, C. Barbanzanges.

FRENCH, per, Revue de Metallurgie, Vol LVII,
Jul 1960, pp 589-600.

BISI 2024

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Jun 61

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Ultrasonic Therapy in Oto-Rhino-Laryngology, by G.
Portmann, M. Portmann, L. J. Barbe,

FRENCH, per, La Presse Medicale, Vol LX, No 6, 1952,
pp 113-115.

CSIRO

Sci - Med

Jun 60

118,555

Laboratory Measurement of Head Losses in
Commercial Pipelines, by R. Earbe.

FRENCH, per, La Houille Blanche, Vol II,
No 3, May/Jun 1947, pp 191-203.

OCE 51-10

Sci - Engineering

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Experimental Research on the Stability of a Rubber-
mound Breakwater Subjected to Wave Action, by R.
Barbe, and C. Beaudevin, 29 pp.

FRENCH
French, per, La Houille Blanche, Vol VIII, 1953,
pp 346-359.

S.L.A. Tr 10/1956

Scientific - Physics

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French Industry in Algeria and Problems
of the Movement, by Barbeau, S 17.
FRENCH, eq. Cooperation Habes, No 37,
15 May 1964, pp 1,3.
JPRS 23385

AFRICA-Algeria
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Recent Studies and Applications of Clay-Cement
Grouts, by R. Barbedette, F. Sabarly, 16 pp.

FRENCH, Proceedings of the 3d International
Conference on Soil Mechanics and Foundation
Engineering, 1, 1953.

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Scientific - Engineering

CTS 64/Jan 55

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African Educational Conference Tackles Problems of Primary Education, by Francis Barbador, 5 pp.

FRENCH, par, Cooperation et Developpement, No 10, Apr-June 1966, pp. 25-28.
JPAS 36333

Francis Barbador

Africa

Soc

Aug 66

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Illnesses Caused by ECHO Virus Type 9 (an
Epidemiologic, Clinical, and Virologic-Serologic
Study, by Th. Haumann, H. Leiden, et al.

GERMAN, pop, Schweizerische Medizinische Wochen-
schrift, No 07, 1957, pp 307-315.

NIK 3-3-63

Sci - Biol/Med Sci

225,612

Jul 63

Comparison of Photoelectric and Ionospheric Observations of the F-Layer, by D. Barber.
FRENCH, per, Compton Readings, Vol CCLVII, No 13,
1968, pp 2138-2140.
NASA TT F-3475

Sci-Pays
May 64
U.S. GOVERNMENT ONLY

257,491

(NY-4817)

Problems of Safety During the Casting and
Processing of Titanium Alloys, by B. M.
Zlobinskiy, I. I. Barber, P. I. Razumova,
M. V. Manuyev, 7 pp.

RUSSIAN, per, Bezopasnost' Truda v Promyshlennosti,
No 6, 1960, pp 20, 21.

JPRS 5931

Sci - Chem

131,659

Nov 60

A. Barbero

Depression and Circulation, by
A. Barbero.
SPANISH, per, Spanish Cardiological
Society. Annual Congress, November 1963,
pp 1-28
NTC 72-11455-06E

June 72

A. Report on the German and Italian Motor Highways, by M. Cambournac; B. Construction of Penetration Routes Over Mountainous Terrain, by G. Darbot, L. Mouraille; C. At the XIth Congress of the National Federation of Highway Transports, 31 pp. UNCLASSIFIED

FRENCH, rpt, Routes et des Aerodromes, No 310, Nov 1957, pp 65-79, 87-89, 107.

ACST, E-080T

EUR - Germany
EUR - Italy
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Ann 50

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The Influence of Coupling of Artery Pulse
Receivers on Sphygmograms, by W. Kutsche,
K. Barbey.

GERMAN, per, Medizinische, No 27-28,
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NASA TT F-10,063

K. Barbey

Sci-246

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Jun66

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/Experiments With Gas Turbines, by A. Barbozat.

GERMAN, Turbine, Berlin, No 5, 1909, pp 305-312.

Cornell Aeronautical Laboratory, Inc
USA Tr No CP 130 CAL-58

Scientific - Physics, experiments, gas turbines

Index Aeronautics

Determination by Internal Coulometry of
Oxygen Dissolved in Water, by G. Barbi,
S. Sondroni.
SPANISH, rpt,

AEC

Sci
Mar 64

Effects of the Repercussions of Atomic Attacks Upon
the Alpine Logistic Structure, by Silvio Barbi.

ITALIAN, per, Bollettino d'Informazioni, Mar/Apr
1958, pp 153-171.

ACSI, H-2034, D

WEur .. Italy

MI1

Jan 59

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D. Barbier

*Narrow pass band-photoelectric spectrometry of stars of
first spectral types.*

COMPTE'S RENDUS, Vol CCLVIII, 1964, pp 4925-4927
NASA TT F 8942

oct 64

**Possibility of Detecting High Energy Particles in
the Upper Atmosphere by Observations of the Night
Airglow, by D. Barakat.**

**ITALIAN, etc, Paper Presented at the COMPAR
Meeting in Florence, Italy, May 1964, p 14 pp.
NASA TT F-9031**

Sci-Bar Sci & Astron

Aug 64

U.S. GOVERNMENT ONLY

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Use of Eclipses of the Moon to Study the Upper
Atmosphere, by B. Barriot, D. Chalange,
E. Vigroux.

FRENCH, per, Compt. Rend. de l'Acad. des Sciences,
Vol CCXIV, 1942, p 983.

University of Melbourne
Trans. No. 94

Sci

May 60

115,693

the 6300 Radiation of the Nocturnal
Atmospheric Luminescence, by D.
Morbier.

RECEIVED, par, Annuaire de Geophysique,
Vol XV, No 2, 1959, pp 179-216.

CSIRO 4737

Sci. - Geophys
Vol 62

204, 867

The Emission of the Red Line in the Night Sky Over
Africa, by D. Barbier, G. Weill, J. Glaume, 27 pp.

FRENCH, par, Annales de Geophysique, Vol XVII,
No 3, 1961, pp 305-318.

Revy Tr 3185/ANL 898

Sci - Geophys

204, 656

Jul 62

62-10154

Barbier, D.
OBSERVATION OF NOCTURNAL ATMOSPHERIC
LUMINESCENCE OF THE OXYGEN RED LINE
[AND] THE NOCTURNAL ATMOSPHERIC LUMINES-
CENCE OF THE 6300 Å RED LINE OF OXYGEN
(Observations de la Luminescence Atmosphérique
Nocturne de la Raie Rouge de L'oxygène) [and] La
Luminescence Nocturne Atmosphérique de la Raie
Rouge 6300 Å de L'oxygène. [1961] [7]p. 7 refs.
Order from SLA \$1.00 62-10154

Trans. of Académie des Sciences [Paris]. Comptes
Rendus (France) 1954, v. 246, p. 1809-1811 and
2780-2781 (publ. by Gauthier Villars et Cie, Paris).

DESCRIPTORS: *Night sky, *Sky brightness, *Lumi-
nescence, Measurement, Diurnal variations,
Recombination reactions, Twilight, Intensity, Spectro-
(Astronomy--Astrophysics, TT, v. 7, no. 9) (over)

I. Barbier, D.
II. Title: Nocturnal. . .

206007

Office of Technical Services

D. Barbier

New Observations of the Red Line of the Sky at
Night in Africa, by D. Barbier.
FRENCH, per, Annales de Geophysique, Vol 20,
No 1, 1964, pp 22-33.
NTC 71-14237-04A

Feb 72

Spectrophotometric Study of the Lunar Eclipse
of 2nd and 3rd March 1942, by D. Barbier, D. Chalonge,
E. Vigroux.

FRENCH, par, Annales d'Astrophysique, Vol V, 1942,
p 1.

University of Melbourne
Trans. No. 98

115,691

Set

May 60

62-10142

~~Barbier, D.~~ and Glaume, J.A NEW DETERMINATION OF THE ALTITUDE OF
EMISSION OF THE GREEN LINE OF THE LIGHT
OF THE NIGHT SKY BY VAN RHIJN'S METHOD(Nouvelle Determination de l'Altitude d'Emission de la
Raie Verte de la Lumiere du Ciel Nocturne par la
Methode de Van Rhiijn). [1961] [8]p. 10 refs.

Order from SLA \$1.10

62-10142

1. Title: Van Rhiijn's method
1. Barbier, D.
11. Glaume, J.

Trans. of ~~Annales de Geophysique~~ (France) 1957,
v. 13, no. 4, p. 317-323.DESCRIPTORS: *Night sky, Brightness, Stars
Measurement, *Hecht finding, Light, Scattering,
Brightness, Radiation, Intensity, Instrumentation.New observations show that the green line is emitted
at a low altitude. (Author)

(Astronomy--Astrophysics, TF, v. 7, no. 3)

201315

Office of Technical Services

62-10141

I. Barbier, D.

Barbier, Daniel.
INTERPRETATION OF THE NOCTURNAL LUMINES-
CENCE OF THE RED OXYGEN LINE (Interpreta-
tion de la Luminescence Nocturne de la Raie Rouge
de l'Oxygene). [1961] [5]p. 7 refs.
Order from SLA \$1.10 62-10141

Trans. of Academie des Sciences [Paris]. Comptes
Rendus (France) 1957 [v. 244] 5 Apr. p. 2077-2080
(pub. by Gauthier-Villars et Cie., Paris).

DESCRIPTORS: Ionosphere, *Night sky, Lumines-
cence, *Oxygen, Intensity, *Sky brightness.

With the aid of an empiric formula it was possible to
account approximately for the intensity of the red line
on the basis of ionospheric data during the first part
of the night. A supplementary phenomenon, perhaps
the arrival of arctic air, complicated the interpreta-
tion of observations during the second part of the night.
(A -hen)

197289

Astronomy--Astrophysics, TT.
v. 7. 1961. Def Technical Services

Barbier, Daniel].
THE RED RAYS OF OXYGEN IN THE LIGHT OF THE
NIGHT SKY (Les Rayons Rouges de l'Oxygène dans la
Lumière du Ciel Nocturne) tr. by J. Hardy. [1960]
[10]p. (foreign text included) 1 ref. CSIRO Trans. no.
4736.

Order from OTS or SLA \$1.10

60-17773

Trans. of "Scientia" [Rivista di Scienza] (Italy) 1959,
v. 53, no. 6, p. 1-4.

DESCRIPTORS: *Night sky, Brightness, *Oxygen.
Radiation, *Aurorae, Analysis.

Photometric observation of the red rays of oxygen in
the light of the night sky has made a significant con-
tribution to the study of the phenomena of the upper
atmosphere at the height of about 250 km. It also
permits the analysis of the structure of the polar aurora
in regions of relatively low latitude. (Author)

(Astronomy--Astrophysics, TT, v. 6, no. 6)

60-17773

- I. Barbier, D.
- II. CSIRO Trans-4736
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

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5-10-61

Barbier, Daniel and Glaume, Jeannine.
THE STRUCTURE OF THE NIGHT-SKY LAYER
WHICH EMITS THE 5577 RAY (Contribution à
l'Etude de la Structure de la Couche qui Émet la Raie
5577 du Ciel Nocturne) tr. by J. Hardy. [1960] [17]p.
(foreign text included) 10 refs. Trans. no. 4735.
Order from LC or SLA m\$2.40, ph\$3.30 60-17774

Trans. of Annales de Geophysique (France) 1959,
v. 15, no. 2, p. 266-271.

(Astronomy--Astrophysics, TT, v. 5, no. 5)

60-17774

1. Night sky--Radiation
2. Night sky--Analyse
- I. Barbier, D.
- II. Glaume, J.
- III. CSIRO Trans-4735
- IV. Commonwealth Scientific
and Industrial Research
Organization (Australia)

Office of Technical Services

1-31-61

Barbier, G. and Chabannes, J.
CONTRIBUTION TO THE STUDY OF BORON IN THE
SOIL AND IN PLANTS. [1963] 15p
Order from ATS \$19.25

ATS-19072F

Trans. of Ann[ales] Agron[omiques] (France) 1953,
v. 4, no. 1, p. 27-43.

DESCRIPTORS: *Plants (Botany), *Soils, *Boron.

(Agriculture--Plant Cultivation, TT, v. 10, no. 12)

63-22937

- I. Barbier, G.
- II. Chabannes, J.
- III. ATS-19072F
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

6

Office of Technical Services

Possibility of Detecting High Energy Particles in
the Upper Atmosphere by Observations of the Night
Airglow, by D. Barish.
ITALYAN, 1st Paper Presented at the COSPAR
Meeting in Florence, Italy, May 1964, p 14 pp.
NASA TT F-0011

Sci-Eur Sci & Astron
Aug 61
U.S. GOVERNMENT ONLY

243,644

Use of Eclipses of the Moon to Study the Upper
Atmosphere, by D. Barbier, D. Chalange,
E. Vigroux.

FRENCH, per, Compt. Rend. de l'Acad. des Sciences,
Vol CCXIV, 1942, p 983.

University of Melbourne
Trans. No. 94

Sci

115,693

May 60

the 6300 Radiation of the Nocturnal
Atmospheric Luminescence, by D.
Barbier.

FRANCE, par, Annales de Geophysique,
Vol XV, No 2, 1959, pp 179-216.

CSIRO 4737

Sci - Geophys
Jul 62

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The Emission of the Red Line in the Night Sky Over
Africa, by D. Barbier, G. Weill, J. Glaume, 27 pp.

FRENCH, per, Annales de Geophysique, Vol XVII,
No 3, 1961, pp 305-310.

Navy Tr 3185/WHL 888

Sci - Geophys

204, 656

Jul 62

62-10154

Barbier, D.
OBSERVATION OF NOCTURNAL ATMOSPHERIC
LUMINESCENCE OF THE OXYGEN RED LINE
[AND] THE NOCTURNAL ATMOSPHERIC LUMINES-
CENCE OF THE 6300 Å RED LINE OF OXYGEN
(Observations de la Luminescence Atmosphérique
Nocturne de la Raie Rouge de L'oxygène) [and] La
Luminescence Nocturne Atmosphérique de la Raie
Rouge 6300 Å de L'oxygène. [1961] [7] p. 7 refs.
Order from SLA \$1.00 62-10154

I. Barbier, D.
II. Title: Nocturnal. . .

206007

Trans. of Académie des Sciences (Paris). Comptes
Rendus (France) 1954, v. 246, p. 1809-1811 and
2780-2781 (pub. by Gauthier Villars et Cie, Paris).

DESCRIPTORS: *Night sky, *Sky brightness, *Lumi-
nescence, Measurement, Diurnal variations,
Recombination reactions, Twilight, Intensity, Spectro-
(Astronomy--Astrophysics, TT, v. 7, no. 9) (over)

Office of Technical Services

D. Barbier

New Observations of the Red Line of the Sky at
Night in Africa, by D. Barbier.
FRENCH, per, Annales de Geophysique, Vol 20,
No 1, 1964, pp 22-33.
NTC 71-74237-04A

Feb 72

Spectrophotometric Study of the Lunar Eclipse
of 2nd and 3rd March 1942, by D. Barbier, D. Chalonge,
E. Vigroux.

FRENCH, p. 1, Annales d'Astrophysique, Vol V, 1942,
p 1.

University of Melbourne
Trans. No. 98

115,691

Sci

May 60

Observations of the Green Line Division in
North City Division, by D. Barker, G. Bailey,
D. Williams, 45 pp.

ANAL, par, Annals of Anthropology, Vol XIV,
No 4, 1938, pp 249-251.

ANAL, T-B

Air Reg and
Dev Command T-10F

ANAL, T-B

ST/ST

13,585

62-10142

Barbier, D. and Glaume, J.

A NEW DETERMINATION OF THE ALTITUDE OF
EMISSION OF THE GREEN LINE OF THE LIGHT
OF THE NIGHT SKY BY VAN RHIJN'S METHOD
(Nouvelle Determination de l'Altitude d'Emission de la
Raie Verte de la Lumiere du Ciel Nocturne par la
Methode de Van Rhijn). [1961] [8]p. 10 refs.
Order from SLA \$1.10

62-10142

Trans. of Annales de Geophysique (France) 1957,
v. 13, no. 4, p. 317-320.

DESCRIPTORS: *Night sky, Brightness, Stars,
Measurement, *Height finding, Light, Scattering,
Brightness, Radiation, Intensity, Instrumentation.

New observations show that the green line is emitted
at a low altitude. (Author)
(Astronomy--Astrophysics, TI, v. 7, no. 8)

I. Title: Van Rhijn's method
I. Barbier, D.
II. Glaume, J.

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Office of Technical Services

62-10141

Barbier, Daniel.
INTERPRETATION OF THE NOCTURNAL LUMINES-
CENCE OF THE RED OXYGEN LINE (Interpreta-
tion de la Luminescence Nocturne de la Raie Rouge
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